

Geological Modeler

About the Role

We are currently seeking a **Geological Modeler** to join our team. Reporting to the Lead Geological Modeler, the Geological Modeler will play a central role in developing and refining 3D geological models that support resource estimation, mine planning, and exploration targeting at Talisker Resources. Based in our Vancouver office with occasional travel to the Bralorne mine site, the Geological Modeler will work to ensure that geological interpretations are accurate, up-to-date, and aligned with current exploration and drilling data.

Key Responsibilities

Working with the Exploration and Resource Development teams, the Geological Modeler will be responsible for the following:

- Development and refinement of 3D geological models through interval selection, domain interpretation, and generation of wireframes to support mineral resource estimation and mine planning.
- Collaborate with cross-functional teams including exploration, mine geology, and mine engineering to deliver accurate and timely models that meet the operational and planning needs of each department.
- Integration and interpretation of geoscientific data (e.g., drill hole, assay, and structural data) to support modeling efforts and exploration strategies.
- Contribution to exploration target generation and validation through geological modeling and data analysis.
- Support in the development and application of QA/QC protocols for geological data used in modeling and resource estimation.
- Knowledge sharing and collaboration with geologists and technical teams, including mentoring and support for skills development related to modeling software and interpretation.
- Preparation of professional documentation, reports, and presentations outlining geological models, methodologies, assumptions, and interpretations.

Qualifications

- Post-secondary degree in Geology, Earth Sciences, or a related field
 - Experience in geological modeling and resource estimation workflows considered an asset
 - Geological modeling and GIS software proficiency considered an asset
 - Experience with coding, automation, and database management considered an asset
 - Strong understanding of structural geology, mineralization systems, and QA/QC practices
 - Experience working with geoscientific data (drill holes, assays, etc.)
 - Effective written and verbal communication skills
 - Collaborative mindset with the ability to share knowledge and mentor team members
 - Proficiency in Microsoft Office, including Excel, Word, PowerPoint, and SharePoint
 - Eligible to work in Canada
-

Additional Details:

Location: The position is based in Vancouver, BC, with occasional travel to the Bralorne Mine site in Bralorne, British Columbia, as required.

Job Type: Full-time, Regular

Schedule: Full-time, Monday to Friday, 9:00 a.m. – 5:00 p.m. (40 hours/week) with occasional flexibility or overtime as needed.

Compensation Range: CA\$70,000.00-CA\$90,000.00 per year, *depending on experience*

Benefits: Health & Dental coverage provided, Employer paid

Application Requirements:

To apply, please submit your application directly through [INDEED](#) and include the following:

- Resume
- Cover letter or short note expressing interest
- Dates of availability

If you are a motivated geological professional with experience in 3D modelling, resource estimation, and a passion for supporting exploration and mining operations, we encourage you to apply for this exciting opportunity by emailing careers@taliskerresources.com.

Let's bring Western Canada's largest producing gold mine back into production together!

